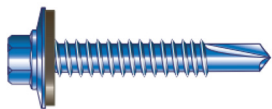


Carbon Self Drilling Screws

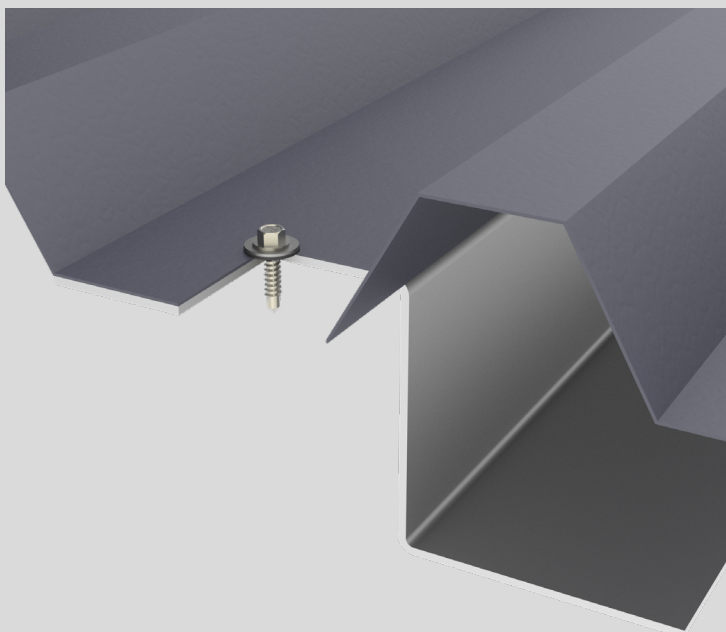
For Light Section Purlins 1.2mm – 3.6mm.



Product code	Size	ETL
T14	5.5 x 25mm LS	9mm
T15	5.5 x 32mm LS	14mm
T11	5.5 x 38mm LS	15mm
T12	5.5 x 43mm LS	30mm
T21	5.5 x 51mm LS	36mm
T23	5.5 x 57mm LS	43mm
T38	5.5 x 70mm LS	62mm
DLS100	5.5 x 100mm LS	87mm

Washer options add: **GB16 GB19** or **SB29** to the code.

Application Example



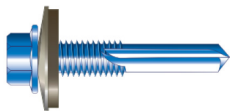
For Colour moulded head options add **MH** to the code + colour code number

(See page 24 for colours)

Example: **T14GB16-MH53** = 5.5 x 25mm LS C/W GB16 Moulded Head colour Goose Wing Grey

Carbon Self Drilling Screws

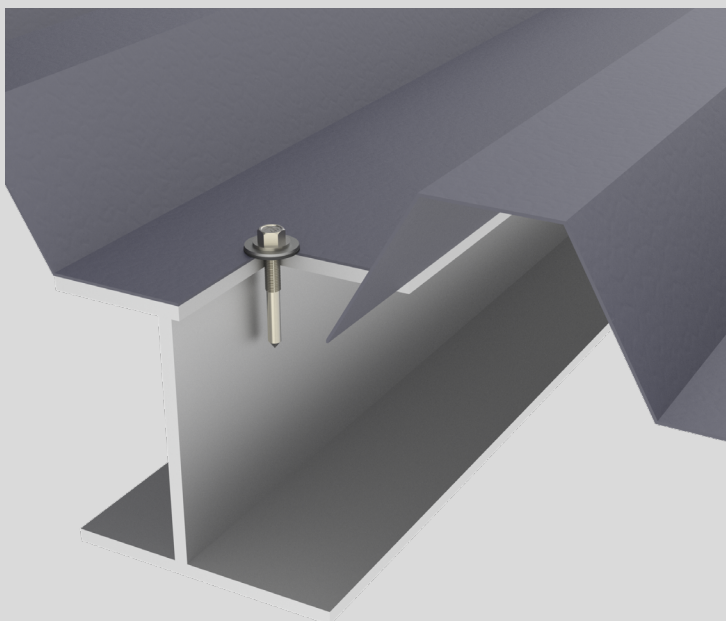
For Heavy Section Purlins 4.0mm – 12.5mm.



Product code	Size	ETL
T32	5.5 x 25mm HS	7mm
T47	5.5 x 32mm HS	11mm
T2410	5.5 x 38mm HS	17mm
T26	5.5 x 51mm HS	30mm
T27	5.5 x 60mm HS	46mm
T33	5.5 x 76mm HS	55mm
NTL100	5.5 x 100mm HS	79mm

Washer options add: **GB16 GB19** or **SB29** to the code.

Application Example

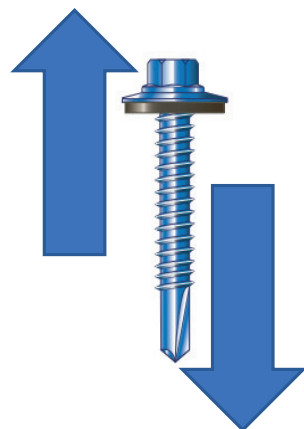
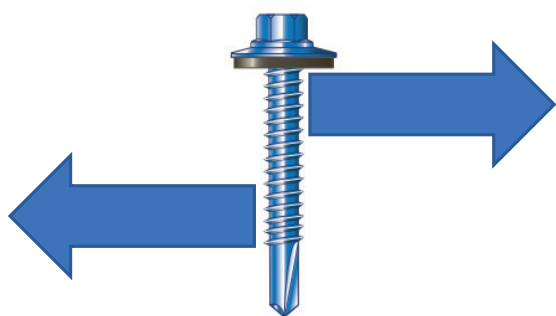


For Colour moulded head options add **MH** to the code + colour code number

(See page 24 for colours)

Example: **T32GB16-MH53** = 5.5 x 25mm HS C/W GB16 Moulded Head colour Goose Wing Grey

Fastener Technical Data



Carbon Steel Fasteners

Fastener Diameter	Material Thickness	Shear Strength	Tensile Strength
6.3mm (stitcher)	0.7 to 0.7mm	0.66kN	* N/A
6.3mm	0.7 Steel to Timber	11.43kN	17.95kN
5.5mm	1.2 to 3.6 Steel	8.40kN	14.10kN
5.5mm	12.5mm Steel	9.00kN	15.60kN
4.8mm	1.2 to 3mm	6.00kN	8.00kN

* Elongation of hole diameter occurs in sheet and results in failure.

Carbon Pull-out Values

Fastener	1.2mm	1.4mm	1.6mm	2.0mm	2.5mm	2.8mm	3.2mm
LS COMP	2.34kN	3.1kN	3.9kN	4.8kN	7.0kN	9.0kN	9.8kN
Light Sec	2.34kN	3.1kN	4.1kN	5.1kN	7.4kN	9.6kN	10.7kN
Fastener	4mm	5mm	6mm				
HS COMP	11.6kN	14.1kN	14.1kN*	*Fastener failure in tension occurs prior to pull-out			
Heavy Sec	11.6kN	14.1kN	14.1kN*				

Pull-Over Values

Test based on 16mm	0.7mm Steel Sheet	5.6kN
Galvanised bonded washers	1.2mm Steel Sheet	7.0kN

NB All values given are ultimate failure values – no safety factor included.